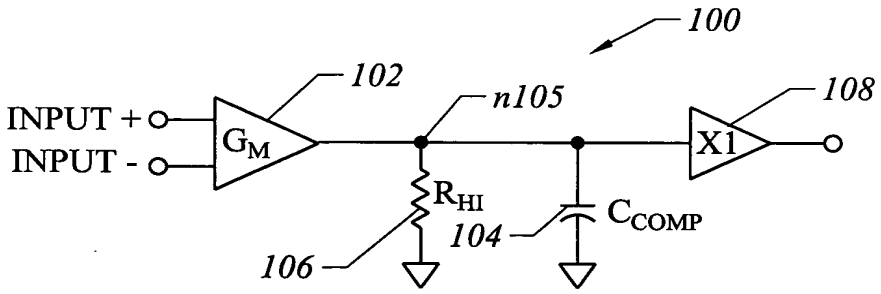

FIG. 1

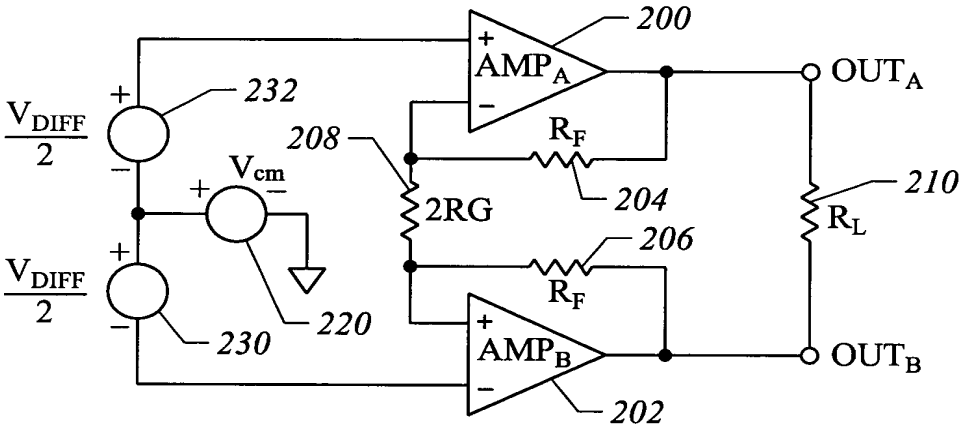

FIG. 2

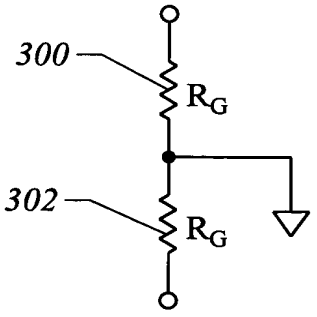

FIG. 3

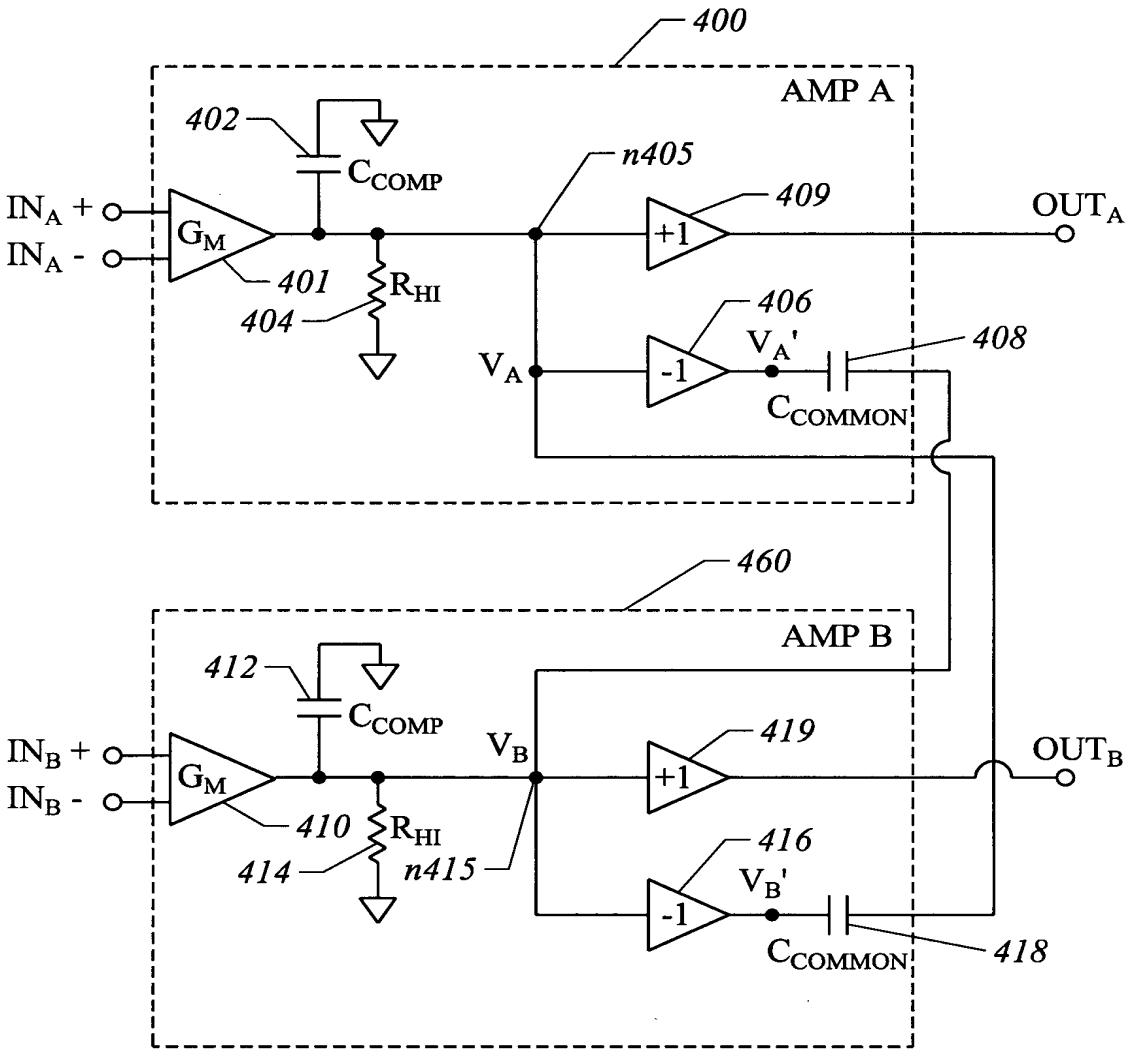
400
AMP A
402
C_{COMP}
n405
409
OUT_A
IN_A +
IN_A -
G_M
401
R_{HI}
404
406
V_A'
408
V_A
-1
C_{COMMON}
+1
460
AMP B
412
C_{COMP}
V_B
419
OUT_B
IN_B +
IN_B -
G_M
410
R_{HI}
414
n415
416
V_B'
-1
C_{COMMON}
418
+1

FIG. 4

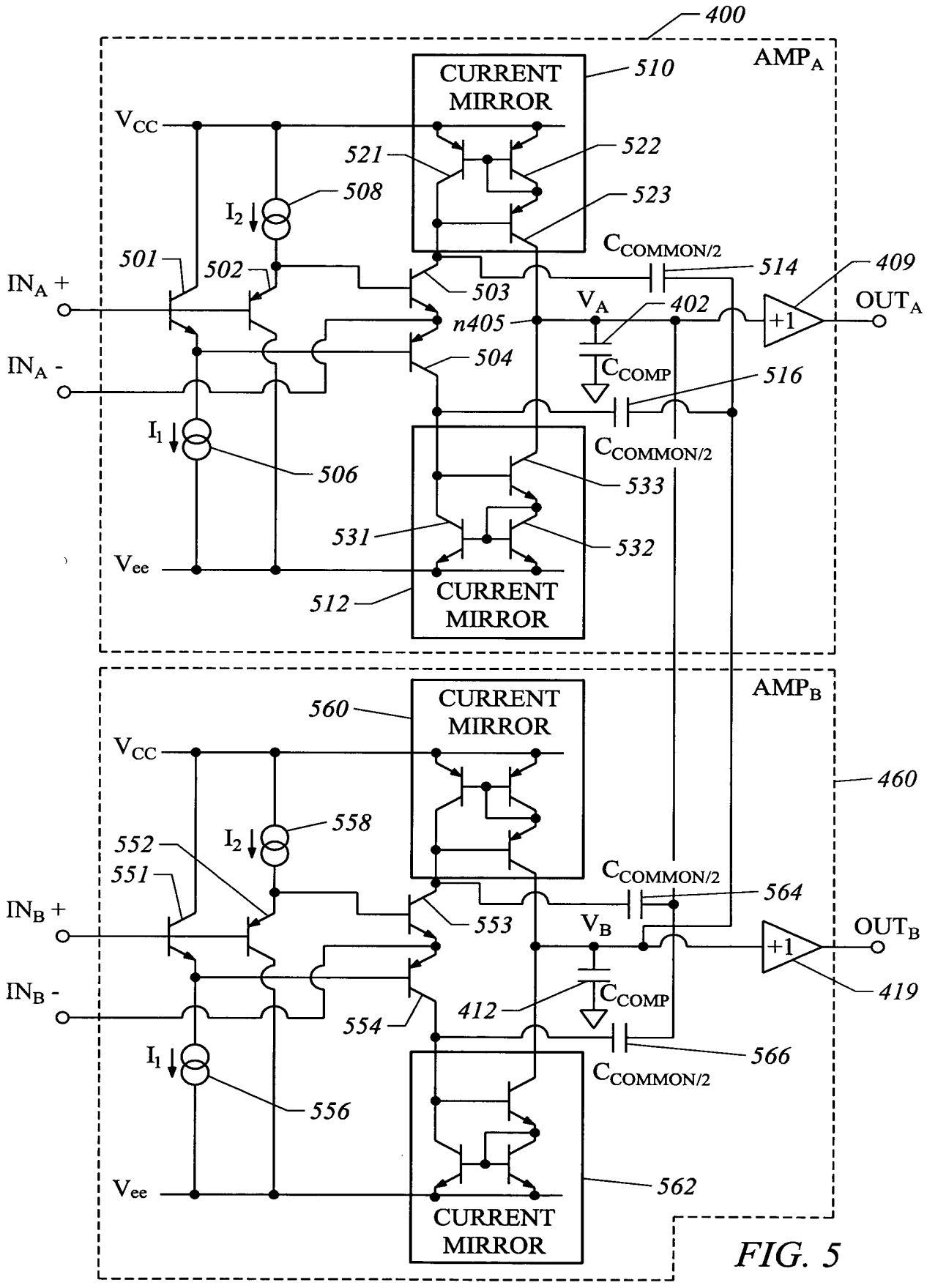
400
AMP$_A$
CURRENT MIRROR
510
V_{CC}
521
522
523
508
I_2
501
502
503
$C_{COMMON/2}$
514
409
IN_A +
IN_A -
n405
V_A
402
+1
OUT_A
504
C_{COMP}
516
I_1
506
$C_{COMMON/2}$
533
531
532
V_{ee}
512
CURRENT MIRROR
AMP$_B$
460
560
CURRENT MIRROR
V_{CC}
558
552
551
I_2
$C_{COMMON/2}$
564
IN_B +
553
V_B
+1
OUT_B
IN_B -
419
412
C_{COMP}
554
566
I_1
$C_{COMMON/2}$
556
562
V_{ee}
CURRENT MIRROR

FIG. 5

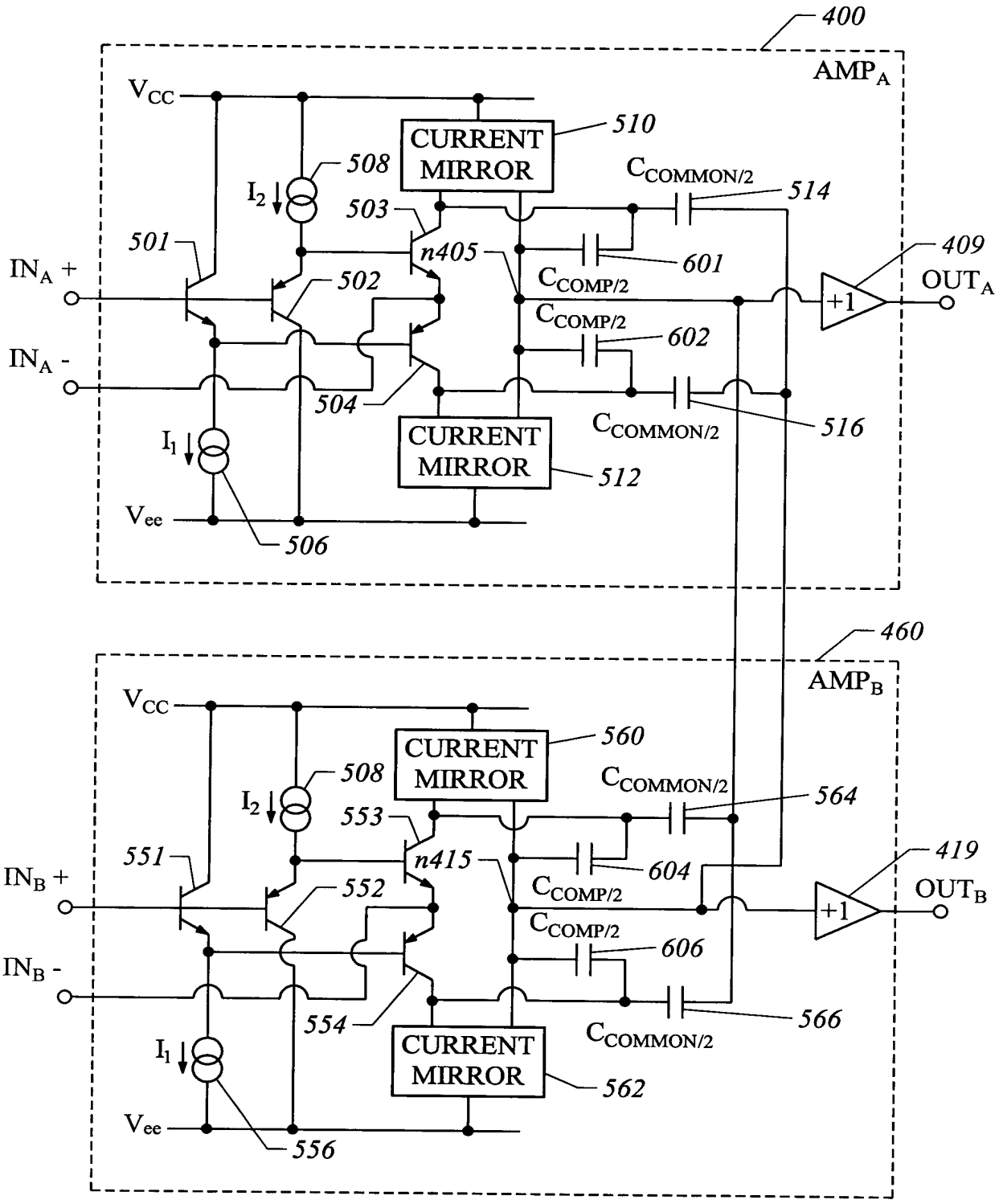
400
AMP$_A$
V_{CC}
CURRENT MIRROR
510
508
I_2
503
$C_{COMMON/2}$
514
501
n405
601
409
IN_A +
502
$C_{COMP/2}$
OUT_A
+1
$C_{COMP/2}$
602
IN_A -
504
$C_{COMMON/2}$
516
I_1
CURRENT MIRROR
512
V_{ee}
506
460
AMP$_B$
V_{CC}
CURRENT MIRROR
560
508
I_2
$C_{COMMON/2}$
564
553
551
n415
604
419
IN_B +
552
$C_{COMP/2}$
OUT_B
+1
$C_{COMP/2}$
606
IN_B -
554
566
$C_{COMMON/2}$
I_1
CURRENT MIRROR
562
V_{ee}
556

FIG. 6

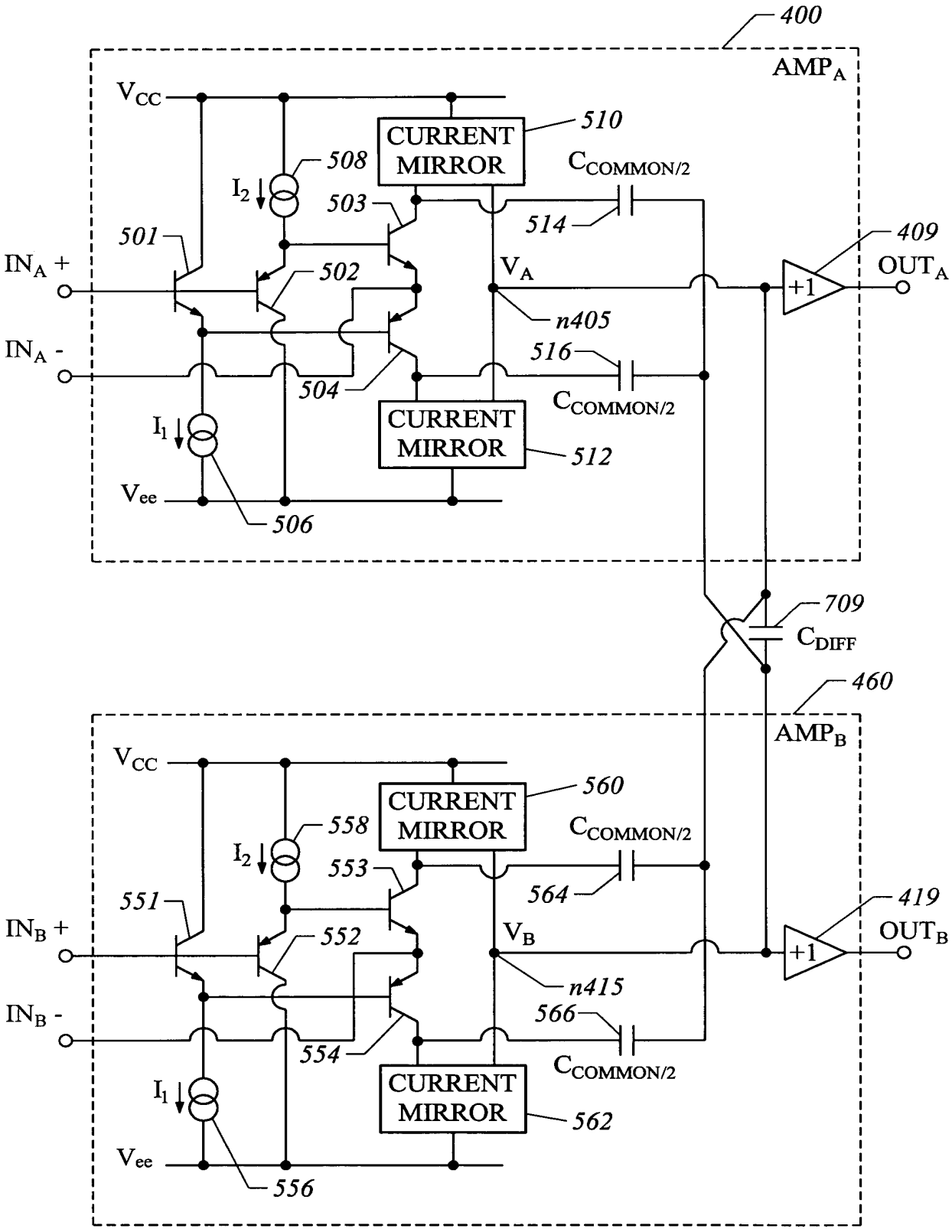
400
AMP$_A$
V_{CC}
CURRENT MIRROR
510
508
I_2
503
$C_{COMMON/2}$
514
501
409
IN_A +
502
V_A
OUT_A
+1
n405
IN_A -
516
504
$C_{COMMON/2}$
CURRENT MIRROR
512
I_1
V_{ee}
506
709
C_{DIFF}
460
AMP$_B$
V_{CC}
CURRENT MIRROR
560
558
I_2
553
$C_{COMMON/2}$
564
551
419
IN_B +
552
V_B
OUT_B
+1
n415
IN_B -
566
554
$C_{COMMON/2}$
CURRENT MIRROR
562
I_1
V_{ee}
556

FIG. 7

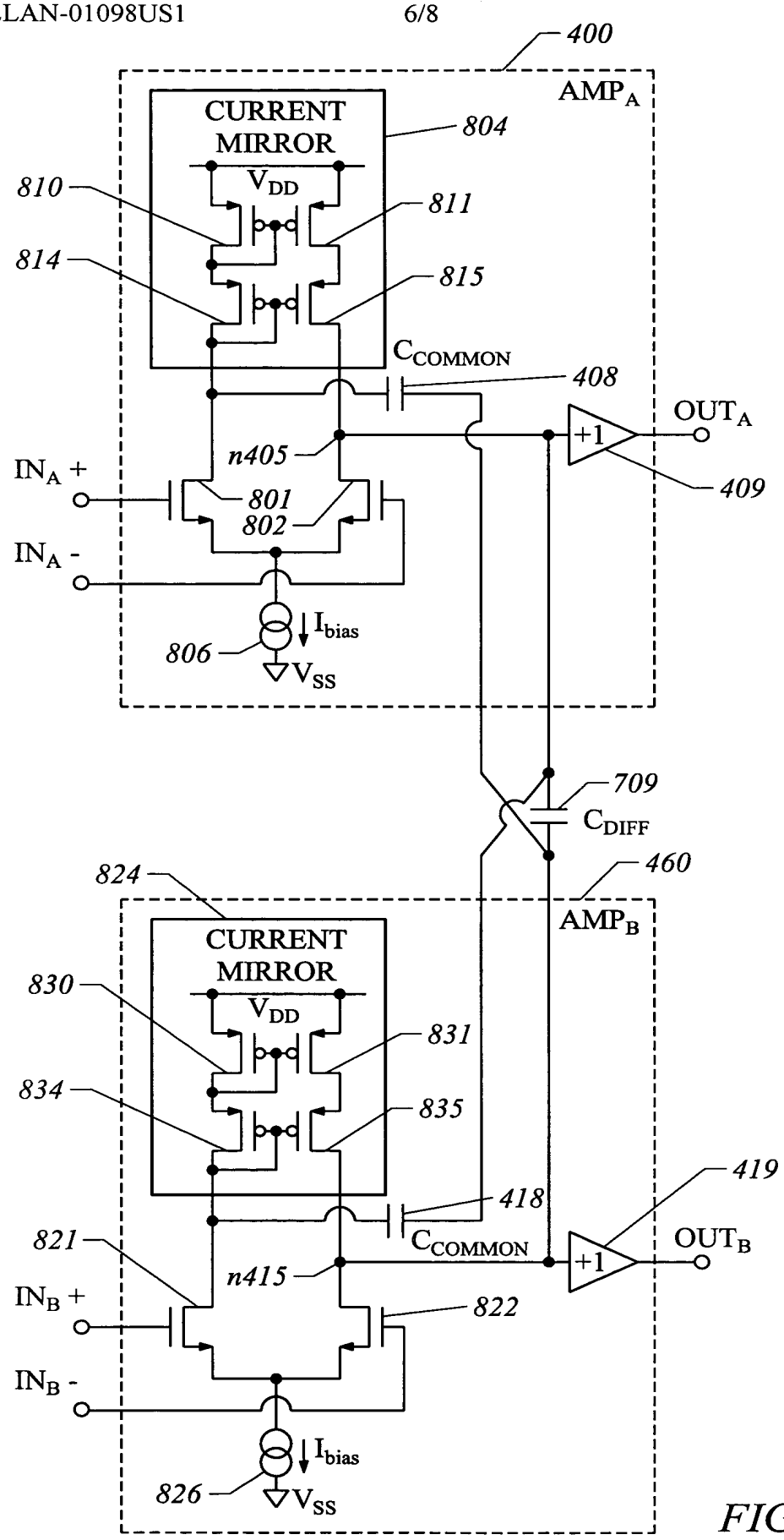
400
AMP$_A$
CURRENT MIRROR
804
V_{DD}
810
811
814
815
C_{COMMON}
408
OUT_A
+1
409
n405
IN_A +
801
802
IN_A -
I_{bias}
806
V_{SS}
709
C_{DIFF}
460
824
AMP$_B$
CURRENT MIRROR
V_{DD}
830
831
834
835
419
418
C_{COMMON}
OUT_B
+1
821
n415
IN_B +
822
IN_B -
I_{bias}
826
V_{SS}

FIG. 8

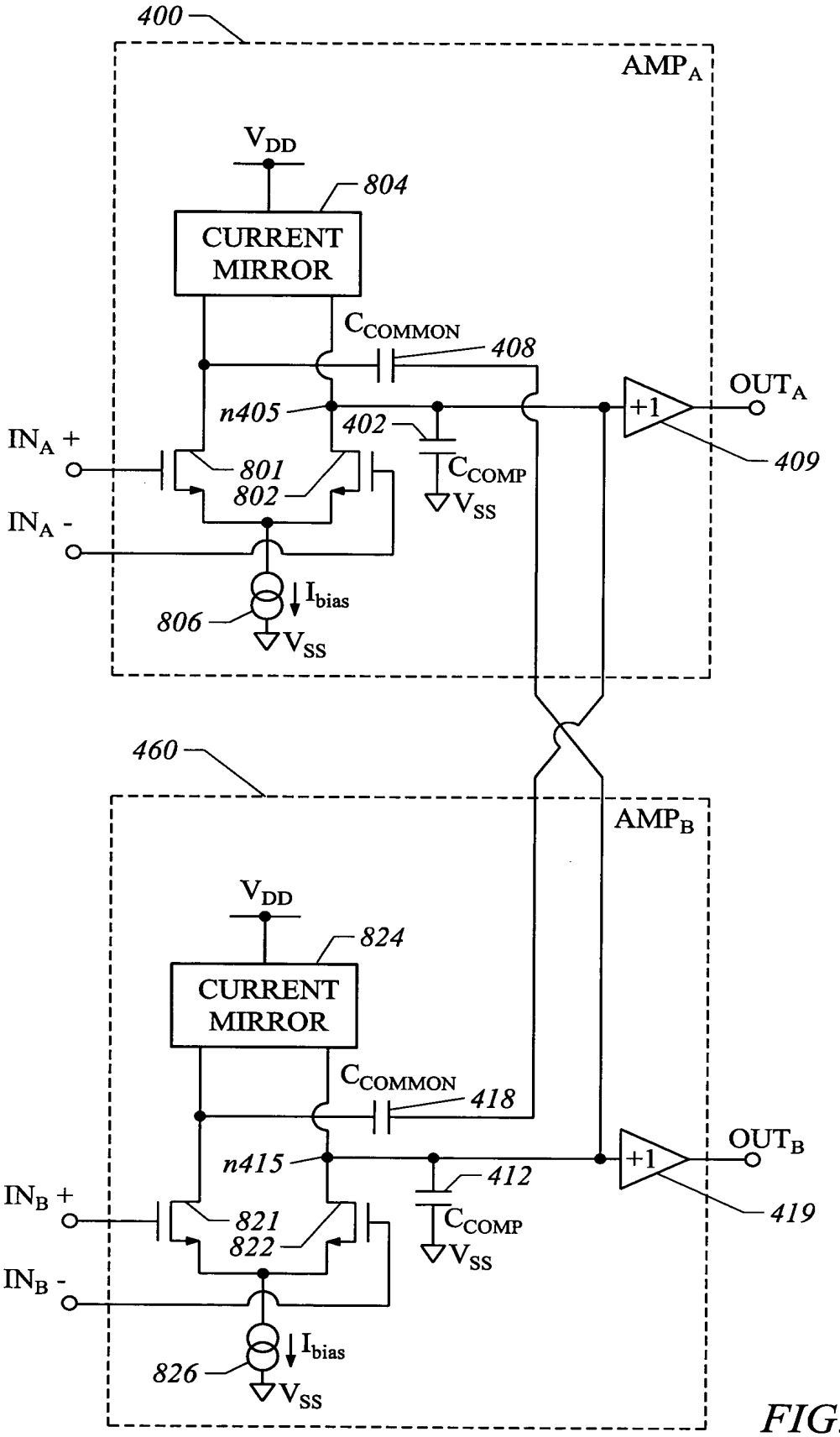
400
AMP$_A$
V_{DD}
804
CURRENT MIRROR
C_{COMMON}
408
n405
402
OUT_A
+1
409
IN_A +
801
802
C_{COMP}
V_{SS}
IN_A -
I_{bias}
806
V_{SS}
460
AMP$_B$
V_{DD}
824
CURRENT MIRROR
C_{COMMON}
418
n415
412
OUT_B
+1
419
IN_B +
821
822
C_{COMP}
V_{SS}
IN_B -
I_{bias}
826
V_{SS}

FIG. 9

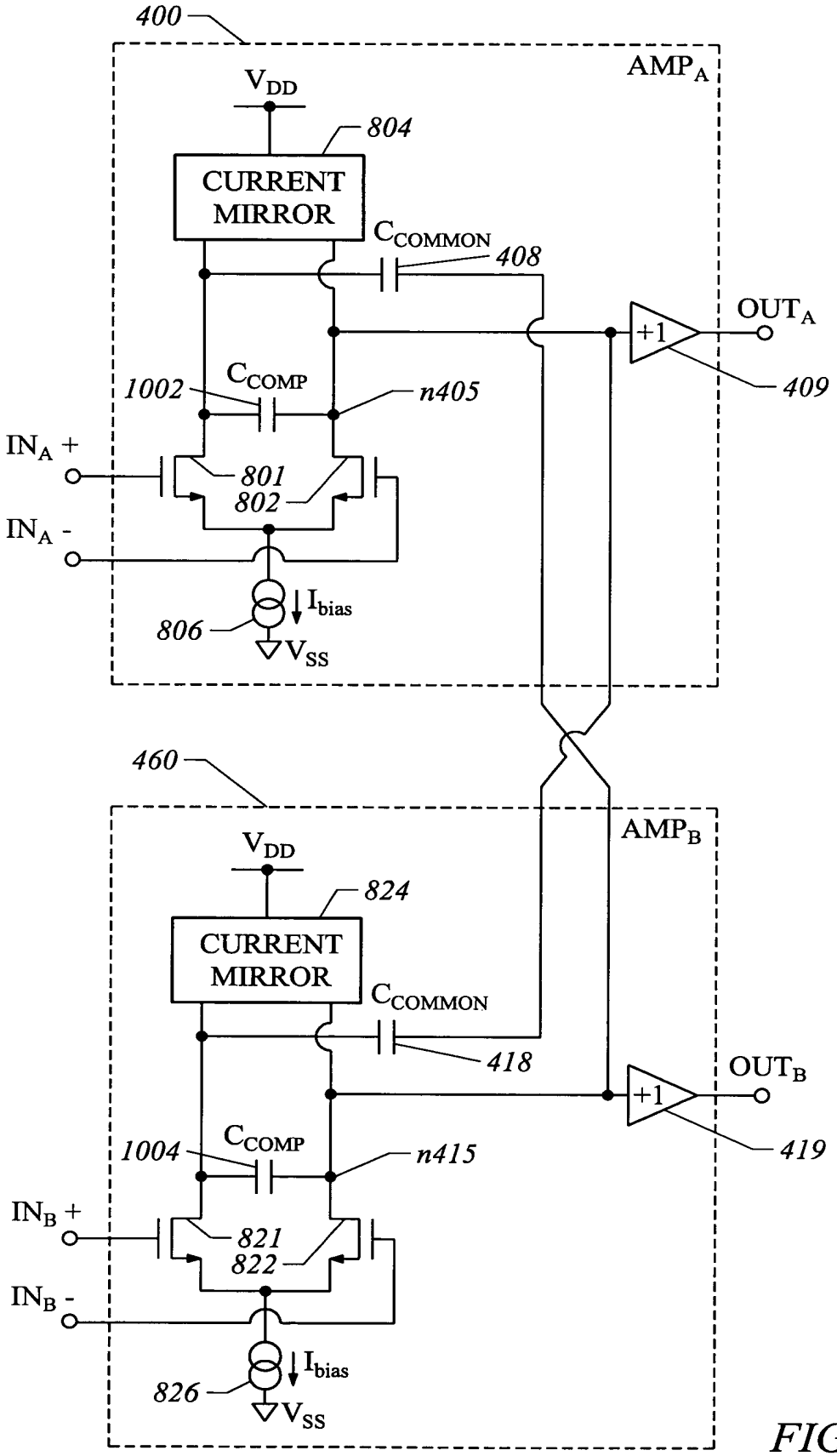
400
AMP$_A$
V_{DD}
804
CURRENT MIRROR
C_{COMMON}
408
OUT_A
+1
409
1002
C_{COMP}
n405
IN_A +
801
802
IN_A -
I_{bias}
806
V_{SS}
460
AMP$_B$
V_{DD}
824
CURRENT MIRROR
C_{COMMON}
418
OUT_B
+1
419
1004
C_{COMP}
n415
IN_B +
821
822
IN_B -
I_{bias}
826
V_{SS}

FIG. 10